State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER D-330-3
Relating to Exemptions Under Section 27156
of the Vehicle Code

SUPERCHIPS, INC.
Superchips

Pursuant to the authority vested in the Air Resources Board by Section 27156 of the Vehicle Code; and

Pursuant to the authority vested in the undersigned by Section 39515 and Section 39516 of the Health and Safety Code and Executive Order G-45-9;

IT IS ORDERED AND RESOLVED: That the installation of the Superchips, manufactured and marketed by Superchips, Inc., 134 B Baywood Avenue, Longwood, Florida 32750 has been found not to reduce the effectiveness of the applicable vehicle pollution control system and, therefore, is exempt from the prohibitions of Section 27156 of the Vehicle Code for 1994 to 1999 trucks equipped with a Ford 7.3L engine, part numbers listed in Exhibit A.

Superchips computer chips are designed as a replacement to the factory computer chip located in the electronic control module (ECM). The new chip is part of an electronic module that plugs into the service port on the ECM. Changes to the Superchip computer chips are: Fuel delivery is increased at high load, shift points are raised, boost pressure is increased, and RPM and speed limit are modified. An insert is also included for the vacuum line connected to the waste-gate actuator.

This Executive Order is valid provided that the installation instructions for the Superchips will not recommend tuning the vehicle to specifications different from those of the vehicle manufacturer.

This Executive Order shall not apply to any Superchips, Inc. Superchips advertised, offered for sale, or sold with or installed on, a motor vehicle prior to or concurrent with transfer to an ultimate purchaser

Changes made to the design or operating conditions of the Superchips, as exempt by the Air Resources Board, which adversely affect the performance of the vehicle's pollution control system shall invalidate this Executive Order.

Marketing of the Superchips using any identification other than that shown in this Executive Order or marketing of the Superchips for an application other than those listed in this Executive Order shall be prohibited unless prior approval is obtained from the Air Resources Board.

This Executive Order does not constitute any opinion as to the effect the use of the Superchips may have on any warranty either expressed or implied by the vehicle manufacturer.

This Executive Order is granted based on submitted emissions and opacity test data on a 1999 Ford F-350 Truck with a 7.3L engine that is certified to a low emission vehicle standard (LEV). Testing consisted of comparative Cold Start 505 Federal Test Procedures. The following test results, in grams per mile, showed that the difference between the modified and baseline emissions results were within the allowable limits as specified under the "Procedures for Exemption of Add-On and Modified Parts:

	HC	CO	NOX	PARTICULATES	OPACITY (Percent)
Stock	0.40	1.5	7.1	0.02	0.043
Superchip	0.31	1.3	7.4	0.02	0.036

Test results showed that tailpipe emissions with the Superchip kit installed were either below the truck's baseline emission levels or within allowable increases. This Executive Order is also based on On Board Diagnostic II (OBD II) testing conducted on the same truck. Test data showed that the Superchip when installed on the trucks did not affect the truck's ability to perform its OBD II monitoring.

The ARB finds that reasonable grounds exist to believe that use of the Superchip may adversely affect emissions of motor vehicles when operating under conditions outside the parameters of the previously prescribed test procedures. Accordingly, the ARB reserves the right to conduct additional emission tests, in the future, as such tests are developed, that will more adequately measure emissions from all cycle phases. If such test results demonstrate that the Superchip adversely affect emissions during off-cycle conditions (defined as those conditions which are beyond the parameters of the Cold-Start CVS-75 Federal Test Procedure), this Executive Order shall be effectively rescinded as of the date the test results are validated. Further, if such test results or other evidence provides the ARB with reason to suspect that the Superchip will affect the durability of the emission control system, Superchips, Inc. shall be required to submit durability data to show that the durability of the vehicle emission control system is not, in fact, affected and/or that the add-on or modified part demonstrates adequate durability.

In addition to the foregoing, the ARB reserves the right in the future to review this Executive Order and the exemption provided herein to assure that the exempted add-on or modified part continues to meet the standards and procedures of Title 13, California Code of Regulations, Section 2222, et seq.

THIS EXECUTIVE ORDER DOES NOT CONSTITUTE A CERTIFICATION, ACCREDITATION, APPROVAL, OR ANY OTHER TYPE OF ENDORSEMENT BY THE AIR RESOURCES BOARD OF ANY CLAIMS OF THE APPLICANT CONCERNING ANTI-POLLUTION BENEFITS OR ANY ALLEGED BENEFITS OF SUPERCHIPS, INC.'S SUPERCHIPS.

No claim of any kind, such as "Approved by the Air Resources Board", may be made with respect to the action taken herein in any advertising or other oral or written communication.

Violation of any of the above conditions shall be grounds for revocation of this order. The order may be revoked only after a ten-day written notice of intention to revoke the order, in which period the holder of the order may request in writing a hearing to contest the proposed revocation. If a hearing is requested, it shall be held within ten days of receipt of the request and the order may not be revoked until a determination after hearing that grounds for revocation exist.

Executed at El Monte, California, this 30th day of June 1999.

R. B. Summerfield, Chief
Mobile Source Operations Division

Exhibit A

SUPERCHIPS INC.

PART NUMBER LISTING FOR FORD POWERSTROKES

YEAR	PART NUMBER	APPLICATION	
1994	1200-BEG5	7.3L	F250
1994	1200-BEG6	7.3L	F250
1994	1200-BEG8	7.3L	F250
1995	1200-PRY3	7.3L	F-SERIES S.DUTY
1995	1200-PRY4	7.3L	F-SERIES/S.DUTY
1995	1200-SOD3	7.3L	F250/F350
1995	1200-SOD4	7.3L	F250/F350
1995	1200-TEE4	7.3L	F250/F350
1995	1200-TEE5	7.3L	F250/F350
1996	1200-ALF3	7.3L	F250/F350
1996	1200-ALF4	7.3L	F250/F350
1996	1200-ALF6	7.3L	F250/F350/F450
1996	1200-AUG2	7.3L	F250/F350
1996	1200-AUG4	7.3L	F250/F350
1996	1200-AUG6	7.3L	F250/F350
1996	1200-AUG7	7.3L	F250/F350
1996	1200-MIF2	7.3L	F250/F350
1996	1200-MIF4	7.3L	F250/F350
1996	1200-MIF6	7.3L	F250/F350
1996	1200-MIF7	7.3L	F250/F350
1996	1200-NAW2	7.3L	F250/F350
1996	1200-NAW4	7.3L	F250/F350
1996	1200-NAW6	7.3L	F250/F350
1996	1200-PPB1	7.3L	E&F 250/350
1996	1200-PPB2	7.3L	E-350
1996	1200-PRE2	7.3L	E&F 450
1996	1200-PRE4	7.3L	E&F 450
1996	1200-PRE6	7.3L	E&F 450
1996	1200-YCZ2	7.3L	E-350
1996	1200-YCZ3	7.3L	E-350
1997	1200-BCT0	7.3L	E-350
1997	1200-ETR3	7.3L	F250/F350
1997	1200-FCZ2	7.3L	ECONOLINE
1997	1200-GLB0	7.3L	E-350
1997	1200-GLB1	7.3L	E-350
1997	1200-HPQ2	7.3L	E-350
1997	1200-JKA2	7.3L	F250/F350
1997	1200-JKA3	7.3L	F250/F350
1997	1200-JKA4	7.3L	F250/F350
1997	1200-JRA0	7.3L	
1997	1200-JRA1	7.3L	
1997	1200-JRA2	7.3L	

Exhibit A cont.

1997	1200-LJP0	7.3L	E-350
1997	1200-LJP1	7.3L	E-350
1997	1200-LXM6	7.3L	
1997	1200-MLE0	7.3L	F250/F350
1997	1200-MLE1	7.3L	F250/F350
1997	1200-MLU3	7.3L	F250/F350
1997	1200-MLU4	7.3L	F250/F350
1997	1200-MLU5	7.3L	F250/F350
1997	1200-MME2	7.3L	F250/F350
1997	1200-MME3	7.3L	F250/F350
1997	1200-MME4	7.3L	F250/F350
1997	1200-MME5	7.3L	F250/F350
1997	1200-MME6	7.3L	F250/F350
1997	1200-NFF0	7.3L	E-350
1997	1200-NFF1	7.3L	E-350
1997	1200-PFY0	7.3L	E-350
1997	1200-PFY1	7.3L	E-350
1997	1200-PTH4	7.3L	
1997	1200-PTH5	7.3L	
1997	1200-TDE0	7.3L	F250/350
1997	1200-TDE1	7.3L	F250/350
1997	1200-TYB1	7.3L	
1997	1200-TYB2	7.3L	
1997	1200-YBTC	7.3L	SUPERDUTY
1997	1200-YBT1	7.3L	SUPERDUTY
1999	1200-AGD1	7.3L	
1999	1200-AGD2	7.3L	
1999	1200-ATA0	7.3L	F250/F350
1999	1200-ATA1	7.3L	F250/F350
1999	1200-ATA2	7.3L	F250/F350
1999	1200-AWA3	7.3L	F250/F350
1999	1200-BDT3	7.3L	F250/F350
1999	1200-BIS0	7.3L	F250/F350
1999	1200-BIS1	7.3L	F250/F350
1999	1200-BIS2	7.3L	F250/F350
1999	1200-CHK0	7.3L	ECONOLINE
1999	1200-CHK2	7.3L	ECONOLINE
1999	1200-CLB3	7.3L	F450/F550/F560
1999	1200-CNH1	7.3L	
1999	1200-CNH2	7.3L	
1999	1200-DAC0	7.3L	F250/F350
1999	1200-DAC1	7.3L	F250/F350
1999	1200-DAC2	7.3L	F250/F350
1999	1200-FHP0	7.3L	F450/F550/F560
1999	1200-FHP1	7.3L	F450/F550/F560
1999	1200-FHP2	7.3L	F450/F550/F560
1999	1200-FIF1	7.3L	F250/F350
1999	1200-FIF2	7.3L	F250/F350
1999	1200-FUT3	7.3L	F250/F350
1999	1200-FUT4	7.3L	F250/F350
1999	1200-FUT5	7.3L	F250/F350
1999	1200-GLB2	7.3L	E350
1999	1200-GLF3	7.3L	F450/F550/F560
1999	1200-GLF4	7.3L	F450/F550/F560
1999	1200-GLF5	7.3L	F450/F550/F560
1999	1200-HPA4	7.3L	

Exhibit A cont.

1999	1200-HPA5	7.3L		
1999	1200-JBG3	7.3L	F250/F350	
1999	1200-JBG4	7.3L	F250/F350	
1999	1200-JBG5	7.3L	F250/F350	
1999	1200-NBD1	7.3L		
1999	1200-NBD2	7.3L		
1999	1200-NFF2	7.3L	E350	
1999	1200-NSU0	7.3L	F250/F350	
1999	1200-NSU1	7.3L	F250/F350	
1999	1200-NSU2	7.3L	F250/F350	
1999	1200-NVK0	7.3L	F250/F350	
1999	1200-NVK1	7.3L	F250/F350	
1999	1200-NVK2	7.3L	F250/F350	
1999	1200-NVK3	7.3L	F250/F350	
1999	1200-QWL0	7.3L	F250/F350	
1999	1200-QWL1	7.3L	F250/F350	
1999	1200-QWL2	7.3L	F250/F350	
1999	1200-SZT0	7.3L	ECONOLINE	
1999	1200-SZT2	7.3L	ECONOLINE	
1999	1200-VCQ3	7.3L	F250/F350	
1999	1200-VCQ4	7.3L	F250/F350	
1999	1200-VCQ5	7.3L	F250/F350	
1999	1200-VXY0	7.3L	F450/550/560	
1999	1200-VXY1	7.3L	F450/550/560	
1999	1200-VXY2	7.3L	F450/550/560	
1999	1200-XLE3	7.3L	F250/F350	
1999	1200-XLE4	7.3L	F250/F350	
1999	1200-XLE5	7.3L	F250/F350	
1999	1200-ZDR3	7.3L	F250/F350	